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PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	081513-59
First Inventor	Marcos C. TZANNES
Title	Systems And Methods for A Multicarrier Modulation System with A Variable Margin
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 18]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Sheets 2]
 - Newly executed (original or copy)
 - Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76
- If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: _____ / _____
Prior application information:			Examiner _____
			Group / Art Unit: _____
- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- Certified Copy of Priority Document(s) (if foreign priority is claimed)
- Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- Other: _____

ACCOMPANYING APPLICATION PARTS

- 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- Certified Copy of Priority Document(s) (if foreign priority is claimed)
- Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)	22204	or	<input checked="" type="checkbox"/> Correspondence address below
Name	Jason H. Vick NIXON PEABODY LLP 8180 Greensboro Drive, Suite 800		
Address	McLean	State	VA
City		Zip Code	22102
Country	United States	Telephone	(703) 790-9110
Name (Print/Type)	Jason H. Vick	Registration No. (Attorney/Agent)	45,285
Signature			Date April 18, 2001

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	\$ 1,640.00	Attorney Docket No.	081513-59
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METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number
19-2380

Deposit Account Name
Nixon Peabody LLP

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101	710	201 355	Utility filing fee 710.00
106	320	206 160	Design filing fee
107	490	207 245	Plant filing fee
108	710	208 355	Reissue filing fee
104	150	214 75	Provisional filing fee
SUBTOTAL (1)			\$ 710.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
45	-20** = 25	X 18.00	= 450.00

Independent Claims	-3** =	6	X 80.00	= 480.00
Multiple Dependent				

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
103	18	203 9	Claims in excess of 20
102	80	202 40	Independent claims in excess of 3
104	270	204 135	Multiple dependent claim, if not paid
109	80	209 40	** Reissue independent claims over original patent
110	18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)			\$ 930.00

**or number previously paid, if greater; For Reissues, see above

Complete if Known	
Application Number	
Filing Date	April 18, 2001
First Named Inventor	Marcos C. TZANNES
Examiner Name	
Group Art Unit	

TOTAL AMOUNT OF PAYMENT \$ 1,640.00 Attorney Docket No. 081513-59

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge - late filing fee or oath
127	50	227 25	Surcharge - late provisional filing fee or cover sheet
139	130	139 130	Non-English transaction
147	2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination
112	920*	112 920*	Requesting publication of SIR prior to Examiner action
113	1,840*	1131,840*	Requesting publication of SIR after Examiner action
115	110	215 55	Extension for reply within first month
116	390	216 195	Extension for reply within second month
117	890	217 445	Extension for reply within third month
118	1,390	218 695	Extension for reply within fourth month
128	1,890	228 945	Extension for reply within fifth month
119	310	219 155	Notice of Appeal
120	310	220 155	Filing a brief in support of an appeal
121	270	221 135	Request for oral hearing
138	1,510	138 1,510	Petition to institute a public use proceeding
140	110	240 55	Petition to revive - unavoidable
141	1,240	241 620	Petition to revive - unintentional
142	1,240	242 620	Utility issue fee (or reissue)
143	440	243 220	Design issue fee
144	600	244 300	Plant issue fee
122	130	122 130	Petitions to the Commissioner
123	50	123 50	Petitions related to provisional applications
126	180	126 180	Submission of Information Disclosure Stmt
581	40	581 40	Recording each patent assignment per property (times number of properties)
146	710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))
149	710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))
179	710	249 355	Request for Continued Examination (RCE)
169	900	169 900	Request for expedited examination of a design application
Other fee (specify) _____			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Jason H. Vick	Registration No. (Attorney/Agent)	45,285
Signature		Telephone	703-790-9110
		Date	April 18, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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